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11057 U.S. PTO

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PTO/SB/05 (12/97)  
Approved for use through 09/30/00. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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|   |   |  |              |                  |
|---|---|--|--------------|------------------|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><br>(Only for new nonprovisional applications under 37 CFR 1.53(b))  | Attorney Docket No.                               | MKSS:003<br>11867.0003.NPUS00  | Total Pages  | 110              |
|   | First Named Inventor or Application Identifier    |  |              |                  |
|   | Steffanie G. Waddington                           |  |              |                  |
|   | Express Mail Label No.                            | EL708375887US  |              |                  |
| <b>APPLICATION ELEMENTS</b><br>See MPEP chapter 600 concerning utility patent application contents.   |   | <b>ADDRESS TO:</b><br>Assistant Commissioner for Patents<br>Box Patent Application<br>Washington, DC 20231 |              |                  |
| <div><div><div>1. <input checked="" type="checkbox"/> Fee Transmittal Form<br/>(Submit an original, and a duplicate for fee processing)</div><div>2. <input checked="" type="checkbox"/> Specification [Total Pages 72]<br/>(preferred arrangement set forth below)<ul style="list-style-type: none"><li>- Descriptive title of the Invention</li><li>- Cross References to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D Invention</li><li>- Reference to Microfiche Appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul></div><div>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 29]</div><div>4. <input checked="" type="checkbox"/> Oath or Declaration (unexecuted) [Total Pages 4]<ul style="list-style-type: none"><li>a. <input type="checkbox"/> Newly executed (original or copy)</li><li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br/>(for continuation/divisional with Box 17 completed)<br/>[Note Box 5 below]<ul style="list-style-type: none"><li>i. <input type="checkbox"/> DELETION OF INVENTOR(S)<br/>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li></ul></li></ul></div><div>5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked)<br/>The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</div></div><div><div>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</div><div>7. Nucleotide and/or Amino Acid Sequence Submission<br/>(if applicable, all necessary)<ul style="list-style-type: none"><li>a. <input type="checkbox"/> Computer Readable Copy</li><li>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</li><li>c. <input type="checkbox"/> Statement verifying identity of above copies</li></ul></div></div></div> |   |  |              |                  |
| <b>Accompanying Application Parts</b>   |   |  |              |                  |
| <div>8. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</div> <div>9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney<br/>(when there is an assignee)</div> <div>10. <input type="checkbox"/> English Translation Document (if applicable)</div> <div>11. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS<br/>Statement (IDS)/PTO-1449 Citations</div> <div>12. <input type="checkbox"/> Preliminary Amendment</div> <div>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br/>(Should be specifically itemized)</div> <div>14. <input type="checkbox"/> Small Entity <input type="checkbox"/> Statement filed in prior application,<br/>Statement(s) Status still proper and desired</div> <div>15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br/>(if foreign priority is claimed)</div> <div>16. <input checked="" type="checkbox"/> Other ..</div>  |   |  |              |                  |
| The Commissioner is hereby authorized to deduct the filing fee in the amount of \$818.00 or credit any over payments to Arnold White & Durkee, Deposit Account No. 01-2508/MKSS:003 (11867.0003.NPUS00)   |   |  |              |                  |
| 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:<br><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.  |   |  |              |                  |
| 18. CORRESPONDENCE ADDRESS  |   |  |              |                  |
| <input type="checkbox"/> Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or <input type="checkbox"/> New correspondence address below   |   |  |              |                  |
| NAME  | Jon D. Shutter, Reg. No. 41,311                   |  |              |                  |
| ADDRESS   | Howrey Simon Arnold & White, LLP<br>P.O. Box 4433 |  |              |                  |
| CITY  | Houston   | STATE  | TX           | ZIP CODE 77210   |
| COUNTRY   | U.S.A.  | TELEPHONE  | 312-595-1239 | FAX 312-595-2250 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box CPA, Washington, DC 20231.

## FEE TRANSMITTAL

### Complete if Known

|                        |                                 |
|------------------------|---------------------------------|
| Application Number     |                                 |
| Filing Date            |                                 |
| First Named Inventor   | Steffanie G. Waddington         |
| Group Art Unit         |                                 |
| Examiner Name          |                                 |
| Attorney Docket Number | MKSS:003<br>(11867.0003.NPUS00) |

TOTAL AMOUNT OF PAYMENT (\$ 818.00

### METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  
Deposit Account Number **01-2508/MKSS:003 (11867.0003.NPUS00)**  
Deposit Account Name **ARNOLD WHITE & DURKEE**  
☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.31(b)

### 2. ☐ Payment Enclosed:

☐ Check ☐ Money Order ☒ Other

### FEE CALCULATION (fees effective 10/01/96)

#### 1. FILING FEE

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid           |
|--------------|----------|--------------|----------|------------------------|--------------------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |                    |
| 101          | 710      | 201          | 355      | Utility filing fee     | <u>\$710.00</u>    |
| 106          | 320      | 206          | 160      | Design filing fee      |                    |
| 107          | 490      | 207          |          |                        |                    |
| 245          |          |              |          | Plant filing fee       |                    |
| 108          | 710      | 208          | 355      | Reissue filing fee     |                    |
| 114          | 150      | 214          | 75       | Provisional filing fee |                    |
| SUBTOTAL (1) |          |              |          |                        | <b>(\$ 710.00)</b> |

#### 2. CLAIMS

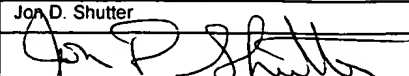
|                           |          | Extra        | Fee from<br>below |   | Fee Paid |
|---------------------------|----------|--------------|-------------------|---|----------|
| Total Claims 26-20 =      | 6        | X            | <u>18</u>         | =   | \$108.00 |
| Independent 3 - 3 =       | 0        | X            | <u>80</u>         | =   | \$       |
| Claims                    |          |              |                   |   |          |
| Multiple Dependent Claims | _____    | X            | _____             | =   |          |
| Large Entity              |          | Small Entity |                   |   |          |
| Fee Code                  | Fee (\$) | Fee Code     | Fee (\$)          | Fee Description   |          |
| 103                       | 18       | 203          | 9                 | Claims in excess of 20                                  |          |
| 102                       | 80       | 202          | 40                | Independent claims in excess of 3                       |          |
| 104                       | 270      | 204          | 135               | Multiple dependent claim                                |          |
| 109                       | 80       | 209          | 40                | Reissue independent claims over original patent         |          |
| 110                       | 18       | 210          | 9                 | Reissue claims in excess of 20 and over original patent |          |
| SUBTOTAL (2)              |          |              |                   |   | \$108.00 |

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

| Large Fee Code            | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description  | Fee Paid    |
|---------------------------|-----------------|----------------|-----------------|--|-------------|
| 105                       | 130             | 205            | 65              | Surcharge - late filing fee or oath  |             |
| 127                       | 50              | 227            | 25              | Surcharge - late provisional filing or cover sheet.                        |             |
| 139                       | 130             | 139            | 130             | Non-English specification  |             |
| 147                       | 2,520           | 147            | 2,520           | For filing a request for reexamination                                     |             |
| 112                       | 920             | 112            | 920             | Requesting publication of SIR prior to Examiner action                     |             |
| 113                       | 1,840           | 113            | 1,840           | Requesting publication of SIR after Examiner action                        |             |
| 115                       | 110             | 215            | 55              | Extension for response within first month                                  |             |
| 116                       | 400             | 216            | 200             | Extension for response within second month                                 |             |
| 117                       | 950             | 217            | 475             | Extension for response within third month                                  |             |
| 118                       | 1,570           | 218            | 755             | Extension for response within fourth month                                 |             |
| 119                       | 310             | 219            | 155             | Notice of Appeal   |             |
| 120                       | 310             | 220            | 155             | Filing a brief in support of an appeal                                     |             |
| 121                       | 270             | 221            | 135             | Request for oral hearing   |             |
| 138                       | 1,510           | 138            | 1,510           | Petition to institute a public use proceeding                              |             |
| 140                       | 110             | 240            | 55              | Petition to revive unavoidably abandoned application                       |             |
| 141                       | 1,320           | 241            | 660             | Petition to revive unintentionally abandoned application                   |             |
| 142                       | 1,320           | 242            | 660             | Utility issue fee (or reissue)   |             |
| 143                       | 450             | 243            | 225             | Design issue fee   |             |
| 144                       | 670             | 244            | 335             | Plant issue fee  |             |
| 122                       | 130             | 122            | 130             | Petitions to the Commissioner  |             |
| 123                       | 50              | 123            | 50              | Petitions related to provisional applications                              |             |
| 126                       | 240             | 126            | 240             | Submission of Information Disclosure Stmt                                  |             |
| 581                       | 40              | 581            | 40              | Recording each patent assignment per property (times number of properties) | \$          |
| 146                       | 790             | 246            | 395             | Filing a submission after final rejection (37 CFR 1.129(a))                |             |
| 149                       | 790             | 249            | 395             | For each additional invention to be examined (37 CFR 1.129(b))             |             |
| Other fee (specify) _____ |                 |                |                 |  |             |
| Other fee (specify) _____ |                 |                |                 |  |             |
| SUBTOTAL (3)              |                 |                |                 |  | <b>(\$)</b> |

\* Reduced by Basic Filing Fee Paid

|                       |   |                          |         |
|-----------------------|---|--------------------------|---------|
| SUBMITTED BY          |   | Complete (if applicable) |         |
| Typed or Printed Name | Jon D. Shutter  | Reg. Number              | 41,311  |
| Signature             |  | Date                     | 5/30/01 |
|                       |   | Deposit Acct. User ID    |         |